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nal Application No

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A. CLASSIF	CO7K7/06 CO7K5/10 CO7K5/08 A61P9/12 C12P21/06	A23J3/3	4 A61	K38/06
According to	International Patent Classification (IPC) or to both national classification	on and IPC		
B. FIELDS S	SEARCHED			
Minimum doo	currentation searched (classification system followed by classification CO7K A23J C12P	n symbols)		
	ion searched other than minimum documentation to the extent that su			
	ata base consulted during the international search (name of data base ternal, WPI Data, PAJ, CHEM ABS Data			
	ENTS CONSIDERED TO BE RELEVANT			Relevant to claim No.
Category °	Citation of document, with Indication, where appropriate, of the rele	vant passages		Relevant to Claim No.
Х	KOHMURA M ET AL: "INHIBITION OF ANGIOTENSIN-CONVERTING ENZYME BY PEPTIDES OF HUMAN BETA-CASEIN" AGRICULTURAL AND BIOLOGICAL CHEMI JAPAN SOC. FOR BIOSCIENCE, BIOTEC AND AGROCHEM. TOKYO, JP, vol. 53, no. 8, August 1989 (1989 pages 2107-2114, XP001105965 ISSN: 0002-1369	STRY, HNOLOGY		4,6,7
A	* abstract; table I, page 2109, l column, second paragraph *	eft-hand		1-3,8-21
X Y	WO 97/24371 A (MIDIA LIMITED; PO PAOLO (IT)) 10 July 1997 (1997-07 abstract; sequence 8	7–10)		4,6-12, 15-21 13,14, 22-28
[TV] c.4		Patent family	members are liste	d in annex.
	her documents are listed in the continuation of box C.	X Patent family		
"A" docume consid "E" earlier of filing of which citatio "O" docume other other "P" docume	ategories of cited documents: ent defining the general state of the art which is not dered to be of particular relevance document but published on or after the international date ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another in or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means ent published prior to the international filing date but than the priority date claimed	cited to understar invention. "X" document of partic cannot be consid involve an inventi "Y" document of partic cannot be consid document is com	d not in conflict wind the principle or ular relevance; the ered novel or carn ve step when the ular relevance; the ered to involve an bination being obv	th the application but theory underlying the e claimed invention not be considered to document is taken alone a claimed invention inventive step when the more other such docu- ious to a person skilled
	actual completion of the international search	Date of mailing of	the international s	earch report
	August 2005		23 12	2. 200 5

Authorized officer

Fausti, S

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X	PARTHASARATHI, R. ET AL: "Ab initio and density functional theory based studies on collagen triplets" THEORETICAL CHEMISTRY ACCOUNTS, 110(1), 19-27 CODEN: TCACFW; ISSN: 1432-881X, 2003, XP002288851 abstract; table 1	4,6,7
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A	XP002095593 ISSN: 0022-0302 * abstract; page 1317, left-hand column, lines 5-14; figure 3; table 1; page 1320, left-hand column, second paragraph; page 1321, left-hand column, last paragraph *	1-21
Y A	EP 0 737 690 A (CALPIS FOOD IND CO LTD) 16 October 1996 (1996-10-16) * abstract; paragraph joining pages 2 and 3; page 3, second paragraph; page 4, lines 13-16; table 2; claims 13 and 14 *	13,14, 22-28 1-21
A	FITZGERALD R J ET AL: "Milk protein-derived peptide inhibitors of angiotensin-I-converting enzyme" BRITISH JOURNAL OF NUTRITION 2000 UNITED KINGDOM, vol. 84, no. SUPPL. 1, 2000, pages S33-S37, XP009033839 ISSN: 0007-1145 cited in the application abstract; tables 1,2	1-21
Υ	SVENDSEN I: "CHEMICAL MODIFICATIONS OF THE SUBTILISINS WITH SPECIAL REFERENCE TO THE BINDING OF LARGE SUBSTRATES. A REVIEW" CARLSBERG RESEARCH COMMUNICATIONS, XX, XX, vol. 41, no. 5, 1976, pages 237-291, XP009030265 ISSN: 0105-1938 abstract	23,26-28
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	tion) DOCUMENTS CONSIDERED TO BE RELEVANT	Relevant to claim No.
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	ASANO M ET AL: "INHIBITION OF PROLYL ENDOPEPTIDASE BY SYNTHETIC PEPTIDE FRAGMENTS OF HUMAN BETA CASEIN" AGRICULTURAL AND BIOLOGICAL CHEMISTRY, vol. 55, no. 3, 1991, pages 825-828, XP009033916 ISSN: 0002-1369 abstract; table 1	4,6-12, 15-21
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International application No. PCT/EP2005/001992

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: 1-28 (all partially)
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-28 (all partially)

Peptides comprising the sequence YGPIPN (Seq. ID 1) and fragments thereof. Compositions and uses of these peptides and fragments, and processes for their preparation.

2. claims: 1-28 (all partially)

Peptides comprising the sequence SLPE (Seq. ID 2) and fragments thereof. Compositions and uses of these peptides and fragments, and processes for their preparation.

3. claims: 1-28 (all partially)

Peptides comprising the sequence SEPK (Seq. ID 3) and fragments thereof. Compositions and uses of these peptides and fragments, and processes for their preparation.

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Information on patent family members

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